



100 Years Bexar Wire

San Antonio Radio Club
W5SC



2019 No. 8

August 2019



Paul Guido, N5IUT, presenting his Current State of Security and Privacy talk at the San Antonio Radio Club (SARC) General Membership Meeting on July 11, 2019



Mike Harrison, KB5KST, Vice President, SARC presenting a Program Certificate of Appreciation to Paul Guido, N5IUT, on July 11, 2019

Current State of Security and Privacy

The meeting on July 11, 2019 at Chester's Hamburgers, 16609 San Pedro Avenue (US281), San Antonio, TX 78232, was started by Rosendo Guzman, N5YBG, President, SARC, started the meeting at 7:00 p. m. Like other meetings, he started it with name and call sign introductions. He then turned it over the Mike Harrison, KB5KST, Vice President, SARC who then introduced the program presenter, Paul Guido, N5IUT, for the meeting.

Paul Guido, N5IUT, gave a presentation on the Current State of Security and Privacy. In some ways this is an update to a similar one that he gave a little while back. Paul N5IUT works in network security for Broadway Bank and as such he is in the front lines of computer security every day.

A few key things from the presentation by Paul N5IUT:

1. Location Services, even helpful ones, will track you all the time unless you set them correctly
2. Facial recognition searches of driver licenses are being done by law enforcement
3. "If the services are free, you are the product."
4. Keep operating systems up to date.
5. Turn off Siri on iPhone even you don't need or use it
6. Add two step verification to logins
7. Free VPN should not be used

(Continued on Page 4)

Proximity Fuse

Our next club meeting will be at 7:00 p. m. (1900) on Thursday, August 8, 2019, at **Blanco BBQ, 13259 Blanco Road, San Antonio, TX 78216. THIS IS A LOCATION CHANGE.** The program will be on the Proximity Fuse 201 by Richard Elder, WB5ACN.

SAN ANTONIO RADIO CLUB PRESIDENT'S RADIOGRAM

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
8	R		N5BYG		San Antonio, TX		August
TO W5SC							

July was a great month for Amateur Radio. We had the IARU HF World Championship on July 13-14, 2019 in which I participated and did one special contact with AB5XZ on 20 meters. At the time did not know it was Tom O'Brien. After checking my log, I realized that I had just made a contact with one of our members. In 2014 Tom qualified points for the WRTC World Radio Team Championship were Area rank: # 501 NA # 5 and Country rank: #5176 K. Tom is also a member of the South Texas DX and Contest Club.

We also had the 13 Colonies Special Event from July 1-7, 2019 and the 50th Anniversary of the Apollo 11 mission. Station was W5RRR of the Johnson Space Center Amateur Radio Club, which it turns out Tom O'Brien was a member.

It's that time again SARC Centennial Special Event Station, August 10, 2019. So, come and join us at the SAMSAT.

Good DX



Special Event Station W5SC/100

Rosendo M. Guzman, Jr.

N5YBG

Bexar Wire

Published monthly by:



Rosendo Guzman N5YBG
President
San Antonio Radio Club

Harold C. Fleischer, III AE5AS
Guest Supreme Editor-In-Chief
210-497-2532
haroldcf@swbell.net

The due date for articles is the **Monday** before the first **Thursday** of the month.

Rosendo M Guzman, N5YBG President, called the meeting to order at 7:00 p. m. at Chester's, 16609 San Pedro Ave. San Antonio, TX 78232.

Rosendo M Guzman, N5YBG, then introduced himself as Rosendo N5YBG and then in accordance with SARC custom asked everyone else to introduce themselves, where 36 members present at meeting. Rosendo asked for a Moment of Silence to pay respect to our fallen soldiers.

Mike Harrison Vice President (KB5KST) introduced Paul Guido (N5IUT)

Paul Guido - Current State of Security and Privacy PowerPoint presentation.

The current state of security and privacy-location services it is everywhere you are. Not all are good some as stuff can still track you around. Facial recognition using driver's licenses. Electronic communications privacy act of 1985. Email that is stored on a third-party server for more than 180 days is considered by the law to be abandoned.

What about in 2019? Login with Facebook or Google. "If the services are free, you are the product". Mobile phone security tips keep you OS up to date. Activate Find my iPhone/iPad. Create a longer password. Auto wipe iPhone content. Revoke app permissions. Turn off Siri, if you can. Add two step verification.

Coming soon to Apple – YubiKeys. Desktop computer Windows 10 turn off your location. Use a local account. Turn off your advertising ID, keep your OS and software up to date. Smart home by Orvibo leaked.

Mike Harrison KB5KST presented certificate of appreciation to Paul Guido N5IUT

Officer Reports:

Mike Harrison Future Program in Aug 08, 2019 will be by Richard Elder & Paul Guido on the development of the proximity fuse.

Rosendo Guzman awarded certificates to some of our participates for Field Day 2019.

Harold C. Fleischer, III AE5AS – Most Valuable Ham at Field Day 2019

Jon April KI5CSK – Ham Radio Operator Award

Jack Bannin, N5JLB – Ham Radio Operator Award

Tom P. O'Brien, Jr AB5XZ – Field Day Star

Lloyd Swartz, KF5ZHW – Field Day Star

Bill Craft KD2HIQ – Field Day Star

Joe Bruno W5AUQ – SARC Field Day Certificate of Appreciation, Field Day Star

Linda Bruno – Presidents Certificate of Appreciation

Mark Love AG5TP - Presidents Certificate of Appreciation

Brian Clark WB5DRI - Ham Radio Operator Award

Richard A Roudebush N4DCA – Iron Radio Operator, Presidents Certificate of Appreciation

Richard Elder WB5ACN – Field Day Star

Secretary – Gianna B Fang-Guzman The June 13, 2019 Minutes from meeting were emailed to Harold Fleischer AE5AS and on June 30, 2019 were sent to webmaster to upload.

Treasurer Jeff Boyes: Income of \$30 spent \$16 for office supplies spent for meeting and church also spent for Field Day.

Newsletter Editor – (Temp) Harold C. Fleischer, AE5AS - The July 2019 Bexar Wire newsletter was finished and released to the webmaster on July 8, 2019 for posting to SARC's w5sc.org website and announcement in an email to all members. Lots of Stories. Found a historical file. Still an opportunity for a member to become the Bexar Wire Editor-In-Chief

Webmaster – Bill Craft, KD2HIQ, Web Site updated the following VE Testing location, meetings no longer at Grady's BBQ, and updated new meeting location @ Chester's. Groups.IO Mailchimp campaigns for newsletter and meeting, campaigns for temporary meeting location, and campaigns for meeting locations, Facebook Statistics Post reach 331, Web Site Statistics 773 sessions, new vs. returning 59% New and 41% returning, and Device breakdown Desktop 55%, Tablet 8% and Mobile 37%.

Chairman of the Board Report – Harold Fleischer, AE5AS met briefly on June 13, to make changes to Budget which was approved.

Committee Reports:

Membership – Bill Craft, KD5ZHIQ as of May 31, 2019 132 Paid members, 12 Free, 33 Family Members, 41 ARRL Members, a total of 177 members.

Education and training David Finell N7LRY No report

Emergency Communications – No Report

Executive – No Report

Field day Joe Bruno W5AUQ, need to repair Yagi.

Finance and review; no report next month

JOTA- John Douglas W5NZK No report JOTA Oct 18, 19, and 20, 2019

Radio Fiesta - Go live on Radio Fiesta. Rosendo will be attending Austin Summer Fest to promote Radio Fiesta.

VE Team – Pat Knight AD5BR - We have two new Technicians and four General upgrades from the June 22 VE session. Congratulations to our new hams and upgrades! Our next session will be August 24 at 10 AM at the Great Northwest Library. The General exam question pool changed July 1, 2019, so make sure you are studying the new General exam questions. A great study site with flash cards is <https://hamstudy.org>. Contact the VE team at hamtest@gmail.com to pre-register for testing or with any questions.

Centennial Commemoration (temporary)- Tom O'Brien, AB5XZ – Special event station on August 10th, 2019 at SAMSAT.

Old business – none

New Business - none

Announcements for The Good of Amateur Radio (1 minute maximum per announcement)

Cray K5MUG has equipment for sell. Free magazines.

Captain Gadgeteer (Richard Elder WB5ACN) found Gaming Headset for \$5.00 at 5 and below.

8-03-2019 Austin Summerfest Crowne Plaza on 6121 North IH-35 W5HS \$8.00 or \$10.00 @ door. Talk-In on 146.94 PL 107.2

Meeting Adjournment @ 8:22

Rosendo Guzman N5YBG
President

Current State of Security and Privacy (Continued from Page 1)



The party room at Chester's was pretty well filled up just before SARC's General Membership Meeting on July 11, 2019

After Paul N5YBG finished his presentation and took a lot of questions from members, Mike KB5KST presented him with a Program Certificate of Appreciation for his talk on the Current State of Security and Privacy.

Rosendo N5YBG then continued the meeting with his President's report that was focused on Field Day 2019 accomplishments by various members. He did this by awarding various Certificates to members.

G. Bryan Clark, WB5DRI, was presented with a Ham Radio Operator Award.

Rich Roudebush, N4DCA, was presented with an Iron Radio Operator certificate and a President' Certificate of Appreciation.



G. Brian Clark, WB5DRI, receiving a Ham Radio Operator Award from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019



Rosendo Guzman, N5YBG, President, San Antonio Radio Club presenting Rich Roudebush, N4DCA, with an Iron Radio Operator Award and a President's Certificate of Appreciation for Field Day 2019



Richard Elder, WB5ACN, receiving a Field Day Star certificate from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019

Richard Elder, WB5ACN, was presented with a Field Day Star certificate.

Jack Bannin, N5JLB, was presented with a Ham Radio Operator Award.

Lloyd Swartz, KF5ZHW, was presented with a Field Day Star certificate.

Bill Craft, KD2HIQ, was presented with a Field Day Star certificate.

Linda Bruno was presented with a President' Certificate of Appreciation.

Joe Bruno, W5AUQ, was presented with an Iron Radio Operator certificate and a SARC Field Day Certificate of Appreciation.

Mark Love, AA5LV, was presented with a President' Certificate of Appreciation.



Jack Bannin, N5JLB, receiving a Ham Radio Operator Award from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019



Lloyd Swartz, KF5ZHW, receiving a Ham Radio Operator Award from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019

Jon April, KI5CSK, was presented with a Ham Radio Operator Award (no picture)

Thomas P. O'Brien, AB5XZ, was presented with a Field Day Star certificate (no picture)



Bill Craft, KD2HIQ, receiving a Ham Radio Operator Award from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019



Linda Bruno receiving a President's Certificate of Appreciation from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019



Joe Bruno, W5AUQ, receiving a SARC Field Day Certificate of Appreciation from Rosendo Guzman, N5YBG, President, San Antonio Radio Club, for Field Day 2019 (Editor: He also received an Iron Radio Operator certificate.)



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Mark Love, AA5LV, with a President's Certificate of Appreciation for Field Day 2019



Rosendo Guzman, N5YBG, President, San Antonio Radio Club, presenting Harold Fleischer, AE5AS, with a Most Valuable Ham at Field Day 2019 certificate

Harold C. Fleischer, III, AE5AS, was presented the Most Valuable Ham at Field Day 2019 certificate

After Rosendo N5YBG recognized the Field Day 2019 contributions made, he continued on with the meeting. In general, most reports were routine, and the information is covered in the minutes, but two items did stand out:

1. The Board of Directors has approved a budget change to cover meeting room rentals for the rest of the budget year.
2. Tom O'Brien, AB5XZ, reminded everyone that the next on the air Special Event for SARC's Centennial Commemoration will be at the San Antonio Museum of Science and Technology (SAM-SAT) on Saturday, August 10, 2019.

The meeting was then adjourned.

Current State of Security and Privacy Slides

These are the slides that Paul Guido, N5IUT, used during his presentation on iPhone/Computer Security at the July 11, 2019 meeting. Full sized versions of these slides are available from the editor.

Current State of Security and Privacy

More like the lack of security and privacy

@Radioteacher N5IUT Paul Guido, CISSP

Location Services - It is everywhere you are!

There are many good things about location services.

Find My Device - Map My Ride - Google Maps - Waze

Not all are good

[About 1,000 Android apps harvest location data after you deny permissions](#)

Check the settings for location services, camera, and microphone!

[Facial recognition using drivers license photos](#)

Since 2011, the FBI has logged more than 390,000 facial-recognition searches of federal and local databases, including state DMV databases.

That is about 4000 searches a month.

The database in Utah included "over 5 million Utah driver's license & state identification card photos," or about 2 million more than the state's population.

Electronic Communications Privacy Act

https://en.wikipedia.org/wiki/Electronic_Communications_Privacy_Act 1985

In 1985 what did this mean?

Email that is stored on a third party's server for more than 180 days is considered by the law to be abandoned.

What about in 2019?

Login with Facebook or Google

Finish the statement, "If the services are free....

...you are the product!"

Zuckerberg "privacy will be the defining pillar of his social network" April 30, 2019

Facebook lawyer says ""There is no invasion of privacy at all, because there is no privacy," on Facebook or any other social media site, Facebook attorney Orin Snyder in court. Jun 2, 2019

Mobile Phone Security Tips

- Keep your OS up to date!
- Activate - Find my iPhone/iPad/Device
- Create a longer password
- Auto-Wipe iPhone Content
- Revoke App Permissions

Mobile Phone Security Tips - continued

Turn Off Siri

Add two step verification

Coming soon to Apple devices - Yubi Keys!!

Desktop Computers - Windows 10

Turn off your location

Use a local account

Turn off your advertising ID

Keep your OS and Software up to date

Your Smart home by Orvibo!

Orvibo creates lots of home automation and security products.

Cameras, locks, and many other automation systems.

Exposed database with 2 billion records lay it all bare!

What data was open to the public?

More about the Orvibo data leak

Email addresses

Username

Passwords

UserID

Account reset codes

Family name

Precise geolocation

Family ID

IP address

Smart device

Scheduling information

Device that accessed account

VPN

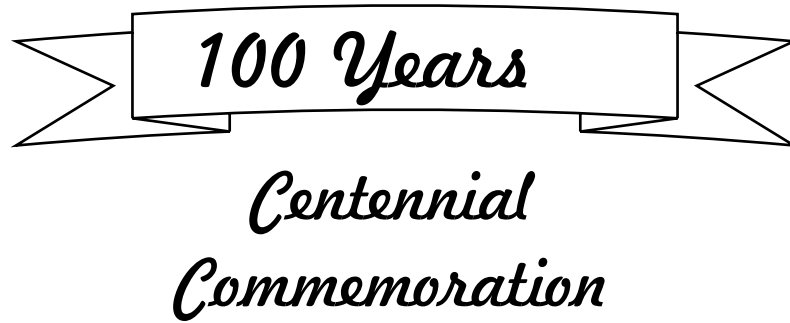
Free VPN should not be used

Private Internet Access is very good and so is Nord

<https://www.privateinternetaccess.com/>

<https://nordvpn.com>

Questions?



Echoes from the Past

Radio makes waves in San Antonio

By Thomas P. O'Brien, AB5XZ

Reported in QST magazine, December 1916:

An amateur wireless operator, 17 years old, was arrested by federal officials, charged with interfering with the government wireless at Fort Sam Houston. The arrest was made, according to the Assistant United States District Attorney, after the youth and his father had practically defied the federal authorities, asserting that no law prevented the use of the amateur wireless plant at any time the owner desired. The charge was made before United States Commissioner R. L. Edwards by Chief Terrell, of the Secret Service department, who had charge of the investigation. The complaint sets out that the defendant "tampered with and interrupted telegraphic, telephonic or other system of communication used by the government." The defendant was released on \$500 appearance bond.

Complaint that amateur wireless operators have been "breaking in" on the government plant has been made very frequently by General Funston. An order issued some time ago forbids such interferences, and in two instances high powered wireless amateur plants have been dismantled. Continued interruption of the government plant caused Chief Terrell of the Secret Service to begin an investigation which, he said, caused him to suspect the one high-powered plant yet in service. A test was made, the army post wireless sought to send messages with this plant "breaking in," with the result that the army wireless operators declared the amateur plant was the one which had been giving them trouble.

But wait! There's more!

A letter to QST magazine, March 1917, from "Gus" in San Antonio:

One fine winter's night, last March, two of our operators were exchanging confidences via Radio. The same night, a test of the efficiency of amateur stations was being conducted, direct from Washington, unknown to our operators. The next morning, the word got around to other amateurs, and that night many of them joined in the fray. Uncle Sam ordered that all radio sets in the city [San Antonio] be dismantled, regardless of license or purpose.

[Editor's note: Amateur radio relations with the US armed forces have improved significantly since 1917. There are occasional troubles with operator misbehavior, some licensed and some not. And MARS is still important.]

But wait! There's even more!

From QST magazine, April 1920:

The San Antonio Radio Club, San Antonio, Tex., announces a reorganization and the election of new officers as follows:

- President – J. C. Rodriguez
- Vice Pres. - Earl E. Newlin
- Secretary – J. I. Shannon
- Asst. Secy. - Lyle B. Jones
- Treasurer – W. G. Egerton
- Sgt. At Arms – Jack Judson
- Reporter – Lyle B. Jones

[In the 1930s, Willie G. Egerton (the first SA radio club treasurer) was Chief Engineer at KTSA]



Announcement for SARC Centennial Special Event Operation Sat., Aug 10, 2019

This Saturday, August 10, SARC members will be able to celebrate the club's Centennial in true radio fashion. **This will be the third of FOUR Special Event operations during 2019. The last one will be held in November.**

We will be using the new station at San Antonio Museum of Science and Technology. (<http://samsat.org/>). The station is set up in an office space at the Museum and is supplied with equipment from the Museum's warehouse and some donations from SARC members.

The Special Event day will proceed in three parts:

1. Setup, done by a volunteer team headed by Joe Bruno W5AUQ, which will begin at 7:45 AM at the storage facility. The setup team will move the club's tower, beam, and rotator to SAMSAT on the club's trailer. They will then set up the antenna system, connect it, and test it for proper operation.
2. Operation, done by volunteer operators, will begin at 10 AM when the Museum opens. For this Special Event, Tom O'Brien AB5XZ will coordinate the station operation. Logging will be done on a computer provided by Tom O'Brien and will utilize logging software he provides. Operators will be given instruction on logging, antenna rotation, and transceiver operation. SARC members may operate the station between 10 AM and 4 PM, when the Museum closes. We will use special event call sign **W5SC/100**. Other amateurs may operate, but SARC members will have priority. Operation will be on the 20-meter band using SSB mode.
3. Teardown, done by a volunteer team headed by Joe Bruno W5AUQ, which will begin at 4 PM. The teardown team will disconnect the antenna system, disassemble it, and prepare it for transport back to the storage facility.

Contact Joe Bruno to volunteer for the Setup or Teardown team (or both).
jlbruno4433@gmail.com or 210.363.9500

Contact Tom O'Brien AB5XZ to sign up for operating time. There will be plenty of time/room for everybody. ab5xz@arrl.net or 210.845.4966



Next License Test on Saturday, August 24, 2019

Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and several members of that committee will be conducting amateur radio license examinations on Saturday, August 24, 2019. The test session will start at 10:00 a. m. at the Great Northwest Library. This test session is open to the public although pre-registration is encouraged. There is a \$15 FCC authorized fee. A great study site with flash cards is <https://hamstudy.org>.

The General exam question pool changed on July 1, 2019, so make sure that you are studying the new General exam questions.



Meet Our Head Gypsy

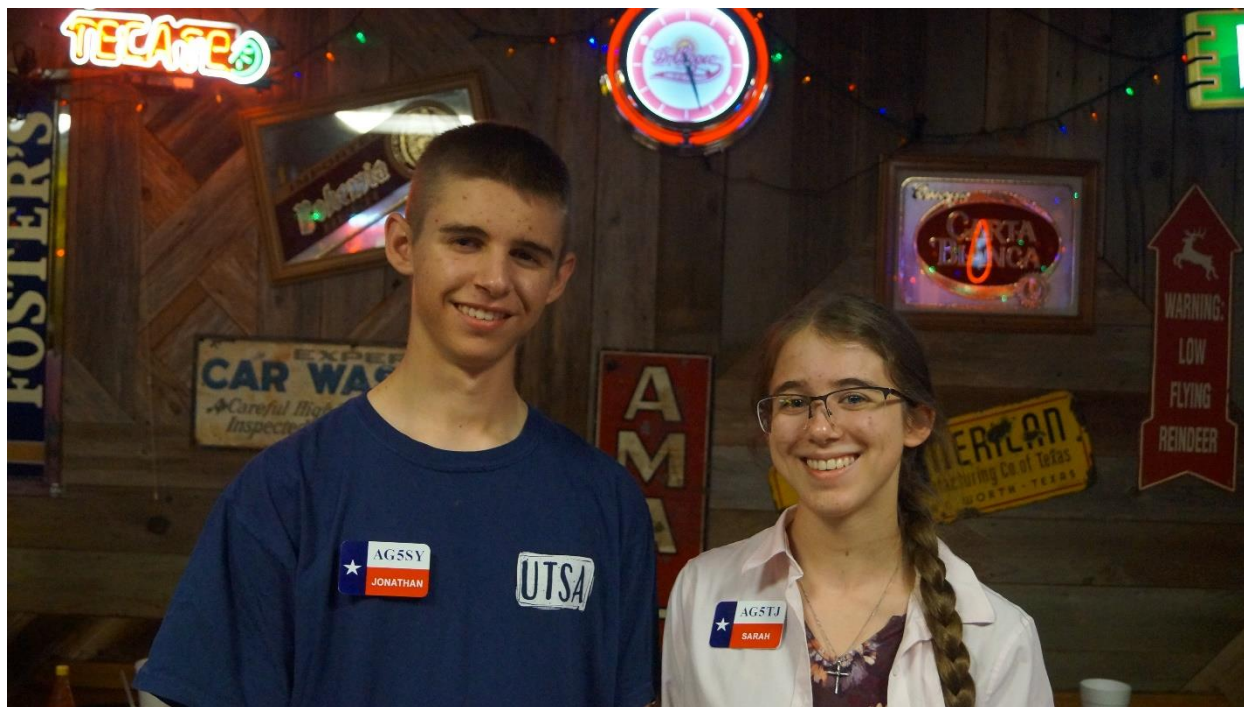
No, Mike Harrison, KB5KST, is not really the Head Gypsy for the San Antonio Radio Club (SARC). He is actually SARC's Vice President. SARC's Vice President major responsibility, other than waiting for the President to keel over so he can get promoted, is the programs presented at meetings. Mike KB5KST has been doing this for a little over 2 ½ years now. He keeps the SARC owned video projector, associated cables, screen, and table between meetings and brings them when a program presenter needs them. He solicits and searches out program presenters and then schedules

them. Until recently, our location for meetings has been a non-problem.

SARC had met at Grady's at US 281 and Nakoma for several years. It was a real shock when they closed suddenly in May 2019. At that point, SARC became homeless. Mike KB5KST scrambled and found SARC a meeting site in like 2 hours at his church, Coker United Methodist Church. Since the regularly monthly meeting was the next night, that was more than a little timely, but it cost some money. So out into the cold went our Head Gypsy. He found Chester's Hamburgers on US 281 for the June and July 2019 meetings of SARC. It worked. SARC members ate so much that the guaranteed minimum was met. The room was free. The problem was is that attendance had been growing steadily over time. SARC's band of gypsies was outgrowing the Chester's on US 281. Mike KB5KST then looked at a Chester's on I410. For a while, he thought it would work, but while it was bigger, it was not that much bigger. So out into the cold (you know that this figurative – this is August in San Antonio). Mike KB5KST has found a bigger party room at Blanco BBQ. It is available on the 2nd Thursday night for August through November 2019 so it will be SARC's meeting place for those months. It will probably continue to be the meeting place in 2020. Blanco BBQ's address is 13259 Blanco Road, San Antonio, TX 78216. It is the same place that AARO holds it's Christmas Party.

How will it work at Blanco BBQ? SARC has the room from 6:00 p. m. on. You are encouraged to come early and go through Blanco BBQ's ordering line. SARC's room rental cost can be zeroed out if SARC members eat enough so be sure to say that you are with SARC. They will call your name when your order is ready. You just take it to the party room and chow down. The meeting will start at 7:00 p. m. as it has in the past.

The up aide to this move is that the party room at Blanco BBQ is really big, and SARC will probably not outgrow it any time real soon although would be a good problem. SARC's Head Gypsy has found his gypsies a home and is retiring the title. Just call him Mr. Vice President.



Jonathan Z. Keiser, AG5SY, and Sarah E. Keiser, AG5TJ, with Daniel C. Keiser, N3DXL, have been awarded scholarships from the ARRL Foundation for 2019-2020

Congratulations to ARRL Scholarship Winners

Sarah E. Keiser, AG5TJ, and Jonathan Z. Keiser, AG5SY, have been awarded scholarships from the ARRL Foundation. They are recipients of the Dayton Amateur Radio Association Scholarship. They will each get \$1,500 grants for the 2019-2020 academic year. Sarah AG5TJ will be pursuing a degree in Mathematics at the University of Texas at San Antonio. Jonathan, AG5SY, will be pursuing a degree in Cybersecurity at the University of Texas at San Antonio.

Sarah, AG5JY, and Jonathan, AG5SY, are a part of the Keiser family. Their father has been ham for a while, but in the 8-9 months, their mother Crystallyn, AG5SO, and younger brother Daniel, N3DXL, have become hams as well. All are amateur extras.

Rosendo Guzman, N5YBG, President, San Antonio Radio Club, wrote a letter for each of them supporting their ARRL scholarship applications. Rosendo N5YBG's letters may have helped, but these two young people had to have the academic goods first.

Again, congratulations to Sarah, AG5JY, and Jonathan, AG5SY.

EXTRA SPECIAL ANNOUNCEMENT:

The position of Supreme Editor-In-Chief of the Bexar Wire newsletter of the San Antonio Radio Club (SARC) is officially available. (Please note the upgraded title in recognition of the importance of this position.) This is an appointed position of SARC. Anyone interested in this opportunity should conduct Rosendo Guzman, N5YBG, President, SARC, who is the appointing authority for this position. Rosendo, N5YBG, may be contacted by telephone on 210-323-0043 or emailed at rosendo.guzman@gmail.com.

The Supreme Editor-In-Chief typically gathers input, often verbally delivered from various officers and committee chairpersons, and then writes it up into stories. The Supreme Editor-In-Chief usually attends all meetings and events, takes notes, takes pictures, and writes up stories about them. The President has been very good on submitting his President's Radiogram and General Membership Meeting Minutes on time.

From a skills perspective, the Supreme Editor-In-Chief must be assertive in getting information, must be able to write, must be able to take pictures, and must be able to type and use appropriate computer programs (Microsoft Word is currently used.) to put the Bexar Wire newsletter by the Monday before the General Membership Meeting on the second Thursday of the month.

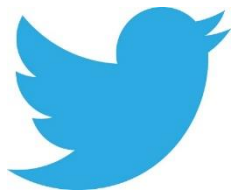


SARC has had a Groups.io. Its name is saradioclub.

The saradioclub Group.io is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the saradioclub Group.io can and have asked each other technical questions or sought assistance.

The saradioclub Group.io is a closed group. To become a member, go to saradioclub.groups.io. (You may need to have a Groups.io account.) You will then need to select *Apply for membership in this group*. This generates a message. SARC members can expect approval to join the saradioclub Group.io in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encouraged to follow this Facebook Page.

SARC SLACK



There is a San Antonio Radio Club Slack team – w5sc.slack.com.

Slack teams are meant to foster communication between team members. Paul Guido, N5IUT, has established the w5sc.slack.com team for SARC. He has also established some channels. Think of the channels as topical areas.

To join send an email to Paul Guido, N5IUT, at radioteacher@gmail.com. In actuality, any team member already a part of the w5sc.slack.com can invite you, but Paul is known to be on it.

SARC has a website:

w5sc.org

Webmaster: Bill Craft KD2HIQ
Billc851@gmail.com
210-233-8863

Amateur Radio License Classes

Multiple classes planned for 2019.

For more information, contact:
David Finell, N7LRY
Instructor

SARC Meeting Dates for 2019 & Early 2020

August 8, 2019
September 12, 2019
October 10, 2019
November 14, 2019
December (None)
January 9, 2020
February 13, 2020
March 12, 2020
April 9, 2020
May 14, 2020
June 11, 2020
July 9, 2020

Meetings are held at Blanco BBQ, 13259 Blanco Rd, San Antonio, TX 78216 at 7:00 p. m. Room is available at 6:00 p. m. for supper.

Come early and eat with other members coming early.

License Testing Dates for 2019 & Early 2020

August 24, 2019
October 26, 2019
December 28, 2019
January 11, 2020
February 22, 2020
April 25, 2020
June 27, 2020

Times and locations along with required document information can be found on SARC's website.

SARC does all of its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all of the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

Radio Fiesta 2020

January 10-11, 2020
Schertz Civic Center

See website w5sc.org for more information

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 18-20, 2019.

More information will be available as the date draws closer.

Emergency Communications

If you are interested in emergency communications, contact:
JC Smith N5RXS

Field Day 2020

Setup: Friday, June 26, 2020
Operations: Saturday, June 27, 2020
& Sunday, June 28, 2020

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.